

Notice of Allowability	Application No.	Applicant(s)	
	09/801,625	RUIGT, ADOLPHE JOHANNES GERARDUS	
	Examiner	Art Unit	
	Vincent E Kovalick	2673	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to applicant's amendment After Final dated 11/5/04!.
2. ☒ The allowed claim(s) is/are 1-13 and 15-22.
3. ☒ The drawings filed on 08 March 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

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DETAILED ACTION

1. This Office Action is in response to Applicant's Amendment and Response, dated November 5, 2004, to USPTO Final Office Action dated August 24, 2004.

The amendment to claim 1, incorporating previously objected to claim 20; the cancellation of claim 14; the rewriting of claim 20 as an independent claim incorporating the limitations of intervening claims and the addition of claim 22 incorporating the objected to limitation of claim 20, are sufficient to place the application in a condition for allowance.

Allowable Subject Matter

2. Claims 1-13 and 15-22 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 20 and 22 the major difference between the teachings of the prior art of record (USP 5,805,131, Hartmann; USP5,923,311, Edwards and USP 4,298,866, Hodemaekers) and that of the instant invention is that said prior art of record **does not teach** a LCD device wherein the means for adjusting are capable of adjusting the operating voltage using the derived current by; identifying a maximum value in the derived current; and identifying a voltage in a sawtooth voltage signal that is coincident with the maximum value in the derived current, the identified voltage in the sawtooth voltage signal comprising the operating voltage of the liquid crystal display device.

Relative to claim 3, the major difference between the teachings of the prior art of record and that of the instant invention is that said prior art of record **does not teach** a LCD device

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comprising means for adjusting the operating voltage of the said display device comprising means for raising the operating voltage and simultaneously measuring the current through the measuring element.

Regarding claim 7, the major difference between the teachings of the prior art of record and that of the instant invention is that said prior art of record **does not teach** a LCD device comprising a controller operable to adjust an operating voltage of the LCD device based on one or more measurements involving the measuring element by raising the operating voltage and simultaneously measuring a current through the measuring element.

Relative to claim 9, the major difference between the teachings of the prior art of record and that of the instant invention is that said prior art of record **does not teach** a LCD device wherein the controller is operable to adjust the operating voltage of the liquid crystal display device such that a transmission strength of the pixels is fifty percent of a maximum transmission strength.

Regarding claim 16, the major difference between the teachings of the prior art of record and that of the instant invention is that said prior art of record **does not teach** a LCD device wherein adjusting an operating voltage of the LCD device based on the at least one identified operational characteristic such that a transmission strength of pixels in the liquid crystal display device is fifty percent of a maximum transmission strength.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No. 5,754,154 Katakura et al.

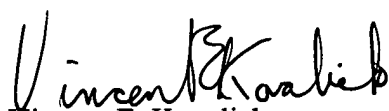
U. S. Pub. No. 2002/0180721 Klimura et al.


Responses

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent E Kovalick whose telephone number is 703 306-3020. The examiner can normally be reached on Monday-Thursday 7:30- 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 703 305-4938. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Vincent E. Kovalick
December 14, 2004


BIPIN SHALWALA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600